Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 16 Jan 2021 until 23:59 on Sunday 17 Jan 2021

Forecast Issued on Saturday 16 Jan 2021 at 03:28

Confidence: High for the band of snow and rain clearing from the west today, becoming medium for the extent of the showers later Saturday and through Sunday, then low for any detail of showers or longer periods of rain and summit snow from Monday.

Headline for Saturday 16 Jan 2021: Heavy rain and snow at first, easing during the day, with scattered showers later.

Mountain weather hazards on Saturday 16 Jan 2021

Blizzards Medium Likelihood	**Heavy Snow** Medium Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Light rain	Light rain	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
90%	80%	80%	30%	20%	40%

Forecast for Saturday 16 Jan 2021

Weather: Overcast with outbreaks of moderate or heavy rain and snow, becoming lighter this morning and clearing to scattered showers in the afternoon. Snow initially down to around 300m, but rain at all levels by mdday.

Chance of cloud free mountain/hill tops above 600m: 30% at first, becoming 80% by late afternoon as bases lift and break.

Visibility: Poor or very poor in rain and snow to start, with cloud broken to extensive from 450-650m. Becoming moderate or good during the morning, and very good under cloud outside of rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 16 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/40 S	20/27 SW	17/27 W	24/36 W	22/33 W	20/31 W	20/30 W
300	14/33 S	4/17 SW	11/27 W	14/33 W	15/35 W	13/30 W	14/30 W
Valley	11/32 S	7/21 SW	9/23 W	10/25 W	9/24 NW	7/22 W	11/26 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-8	1/-6	2/-3	3/-4	1/-5	1/-6	0/-6
300	2/-4	2/-0	4/1	5/0	3/-2	3/-2	3/-2
Valley	4/-0	5/2	6/4	6/4	4/1	4/1	4/0
Freezing Level*	600m	1100m	1100m	1000m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Worst of the conditions expected early morning when hill fog will be extensive in driving snow and rain. Winds likely 10mph stronger than shown across highest summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 16 Jan 2021	3mm	6mm	23.4mm

Forecast for Sunday 17 Jan 2021

Weather: Rather cloudy with scattered showers in the morning and again in the evening.

Maximum wind: West 20-25mph at first with gusts reaching 35mph.

Chance of cloud free mountain/hill tops above 600m: 90% occasionally 60%.

Visibility: Good or very good, locally moderate with occasional bases 600m, especially in showers.

Temperature: **Valleys:** Minus 1 Celsius increasing 7 Celsius for the afternoon
At 600m: Zero to plus 1 Celsius
Freezing level: 600-700m

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